



RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/09/670,105

TIME: 10:37:11

Input Set : N:\Crf3\RULE60\09670105.txt

Output Set: N:\CRF3\02282002\I670105.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Moncany, Maurice

6 Montagnier, Luc

8 (ii) TITLE OF INVENTION: Nucleotide Sequences Derived From The

9 Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,

10 And Their Uses In Particular For The Amplification Of The

11 Genomes Of These Retroviruses And For The In Vitro

Diagnosis

W--> 12 Of The Diseases Due To Those Viruses

14 (iii) NUMBER OF SEQUENCES: 68

16 (iv) CORRESPONDENCE ADDRESS:

17 (A) ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &

18 Dunner

19 (B) STREET: 1300 I Street, N.W., Suite 700

20 (C) CITY: Washington

21 (D) STATE: D.C.

22 (E) COUNTRY: USA

23 (F) ZIP: 20005-3315

25 (v) COMPUTER READABLE FORM:

26 (A) MEDIUM TYPE: Floppy disk

27 (B) COMPUTER: IBM PC compatible

28 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

29 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

31 (vi) CURRENT APPLICATION DATA:

C--> 32 (A) APPLICATION NUMBER: US/09/670,105

C--> 33 (B) FILING DATE: 26-Sep-2000

34 (C) CLASSIFICATION:

49 (vii) PRIOR APPLICATION DATA:

38 (A) APPLICATION NUMBER: 09/092,077

39 (B) FILING DATE:

40 (A) APPLICATION NUMBER: US/08/472,928

41 (B) FILING DATE: 07-JUN-1995

42 (A) APPLICATION NUMBER: US 08/160,465

43 (B) FILING DATE: 02-DEC-1993

46 (A) APPLICATION NUMBER: FR 8912371

47 (B) FILING DATE: 20-SEP-1989

50 (A) APPLICATION NUMBER: FR 8907354

51 (B) FILING DATE: 06-FEB-1989

53 (viii) ATTORNEY/AGENT INFORMATION:

54 (A) NAME: Meyers, Kenneth J.

55 (B) REGISTRATION NUMBER: 25,146

56 (C) REFERENCE/DOCKET NUMBER: 02356.0062-02000

58 (ix) TELECOMMUNICATION INFORMATION:

ENTERED

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```

59          (A) TELEPHONE: (202)408-4000
60          (B) TELEFAX: (202)408-4400
63 (2) INFORMATION FOR SEQ ID NO: 1:
65     (i) SEQUENCE CHARACTERISTICS:
66         (A) LENGTH: 18 base pairs
67         (B) TYPE: nucleic acid
68         (C) STRANDEDNESS: single
69         (D) TOPOLOGY: linear
71     (ii) MOLECULE TYPE: DNA (genomic)
76     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
78 TGGCGCCCGA ACAGGGAC                                     18
80 (2) INFORMATION FOR SEQ ID NO: 2:
82     (i) SEQUENCE CHARACTERISTICS:
83         (A) LENGTH: 18 base pairs
84         (B) TYPE: nucleic acid
85         (C) STRANDEDNESS: single
86         (D) TOPOLOGY: linear
88     (ii) MOLECULE TYPE: DNA (genomic)
93     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
95 TGGCGCCTGA ACAGGGAC                                     18
97 (2) INFORMATION FOR SEQ ID NO: 3:
99     (i) SEQUENCE CHARACTERISTICS:
100        (A) LENGTH: 19 base pairs
101        (B) TYPE: nucleic acid
102        (C) STRANDEDNESS: single
103        (D) TOPOLOGY: linear
105     (ii) MOLECULE TYPE: DNA (genomic)
109     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
111 GGCCAGGGGG AAAGAAAAA                                   19
113 (2) INFORMATION FOR SEQ ID NO: 4:
115     (i) SEQUENCE CHARACTERISTICS:
116        (A) LENGTH: 19 base pairs
117        (B) TYPE: nucleic acid
118        (C) STRANDEDNESS: single
119        (D) TOPOLOGY: linear
121     (ii) MOLECULE TYPE: DNA (genomic)
126     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
128 GGCCCGGCGG AAAGAAAAA                                   19
130 (2) INFORMATION FOR SEQ ID NO: 5:
132     (i) SEQUENCE CHARACTERISTICS:
133        (A) LENGTH: 19 base pairs
134        (B) TYPE: nucleic acid
135        (C) STRANDEDNESS: single
136        (D) TOPOLOGY: linear
138     (ii) MOLECULE TYPE: DNA (genomic)
143     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
145 GGCCAGGAGG AAAGAAAAA                                   19
147 (2) INFORMATION FOR SEQ ID NO: 6:
149     (i) SEQUENCE CHARACTERISTICS:

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150      (A) LENGTH: 20 base pairs
151      (B) TYPE: nucleic acid
152      (C) STRANDEDNESS: single
153      (D) TOPOLOGY: linear
155      (ii) MOLECULE TYPE: DNA (genomic)
160      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
162 TGCCCATACA AAATGTTTTA                                20
164 (2) INFORMATION FOR SEQ ID NO: 7:
166      (i) SEQUENCE CHARACTERISTICS:
167          (A) LENGTH: 20 base pairs
168          (B) TYPE: nucleic acid
169          (C) STRANDEDNESS: single
170          (D) TOPOLOGY: linear
172      (ii) MOLECULE TYPE: DNA (genomic)
177      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
179 TGCCACACT ATATGTTTTA                                20
181 (2) INFORMATION FOR SEQ ID NO: 8:
183      (i) SEQUENCE CHARACTERISTICS:
184          (A) LENGTH: 17 base pairs
185          (B) TYPE: nucleic acid
186          (C) STRANDEDNESS: single
187          (D) TOPOLOGY: linear
189      (ii) MOLECULE TYPE: DNA (genomic)
194      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
196 TGCATGGCTG CTTGATG                                17
198 (2) INFORMATION FOR SEQ ID NO: 9:
200      (i) SEQUENCE CHARACTERISTICS:
201          (A) LENGTH: 17 base pairs
202          (B) TYPE: nucleic acid
203          (C) STRANDEDNESS: single
204          (D) TOPOLOGY: linear
206      (ii) MOLECULE TYPE: DNA (genomic)
211      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
213 TGCATAGCTG CCTGGTG                                17
215 (2) INFORMATION FOR SEQ ID NO: 10:
217      (i) SEQUENCE CHARACTERISTICS:
218          (A) LENGTH: 20 base pairs
219          (B) TYPE: nucleic acid
220          (C) STRANDEDNESS: single
221          (D) TOPOLOGY: linear
223      (ii) MOLECULE TYPE: DNA (genomic)
228      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
230 CTTTGCATGG CTGCTTGATG                                20
232 (2) INFORMATION FOR SEQ ID NO: 11:
234      (i) SEQUENCE CHARACTERISTICS:
235          (A) LENGTH: 20 base pairs
236          (B) TYPE: nucleic acid
237          (C) STRANDEDNESS: single
238          (D) TOPOLOGY: linear

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240      (ii) MOLECULE TYPE: DNA (genomic)
245      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
247 CTCTGCATAG CTGCCTGGTG                                     20
249 (2) INFORMATION FOR SEQ ID NO: 12:
251      (i) SEQUENCE CHARACTERISTICS:
252          (A) LENGTH: 20 base pairs
253          (B) TYPE: nucleic acid
254          (C) STRANDEDNESS: single
255          (D) TOPOLOGY: linear
257      (ii) MOLECULE TYPE: DNA (genomic)
262      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
264 CATCAAGCAG CCATGCAAAG                                     20
266 (2) INFORMATION FOR SEQ ID NO: 13:
268      (i) SEQUENCE CHARACTERISTICS:
269          (A) LENGTH: 20 base pairs
270          (B) TYPE: nucleic acid
271          (C) STRANDEDNESS: single
272          (D) TOPOLOGY: linear
274      (ii) MOLECULE TYPE: DNA (genomic)
277      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
279 CACCAGGCAG CTATGCAGAG                                     20
281 (2) INFORMATION FOR SEQ ID NO: 14:
283      (i) SEQUENCE CHARACTERISTICS:
284          (A) LENGTH: 19 base pairs
285          (B) TYPE: nucleic acid
286          (C) STRANDEDNESS: single
287          (D) TOPOLOGY: linear
289      (ii) MOLECULE TYPE: DNA (genomic)
294      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
296 AGGGCTGTTG GAAATGTGG                                     19
298 (2) INFORMATION FOR SEQ ID NO: 15:
300      (i) SEQUENCE CHARACTERISTICS:
301          (A) LENGTH: 19 base pairs
302          (B) TYPE: nucleic acid
303          (C) STRANDEDNESS: single
304          (D) TOPOLOGY: linear
306      (ii) MOLECULE TYPE: DNA (genomic)
311      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
313 AGGGCTGTTG GAAAGGTGG                                     19
315 (2) INFORMATION FOR SEQ ID NO: 16:
317      (i) SEQUENCE CHARACTERISTICS:
318          (A) LENGTH: 19 base pairs
319          (B) TYPE: nucleic acid
320          (C) STRANDEDNESS: single
321          (D) TOPOLOGY: linear
323      (ii) MOLECULE TYPE: DNA (genomic)
327      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
329 CCACATTTCC AGCATCCCT                                     19
331 (2) INFORMATION FOR SEQ ID NO: 17:

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333      (i) SEQUENCE CHARACTERISTICS:
334          (A) LENGTH: 19 base pairs
335          (B) TYPE: nucleic acid
336          (C) STRANDEDNESS: single
337          (D) TOPOLOGY: linear
339      (ii) MOLECULE TYPE: DNA (genomic)
344      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
346 CCACATTTCC AGCAGCCCT                                     19
348 (2) INFORMATION FOR SEQ ID NO: 18:
350      (i) SEQUENCE CHARACTERISTICS:
351          (A) LENGTH: 19 base pairs
352          (B) TYPE: nucleic acid
353          (C) STRANDEDNESS: single
354          (D) TOPOLOGY: linear
356      (ii) MOLECULE TYPE: DNA (genomic)
361      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
363 CCACATTTCC AGCACCCT                                     19
365 (2) INFORMATION FOR SEQ ID NO: 19:
367      (i) SEQUENCE CHARACTERISTICS:
368          (A) LENGTH: 21 base pairs
369          (B) TYPE: nucleic acid
370          (C) STRANDEDNESS: single
371          (D) TOPOLOGY: linear
373      (ii) MOLECULE TYPE: DNA (genomic)
378      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
380 GATAGATGGA ACAAGCCCCA G                                 21
382 (2) INFORMATION FOR SEQ ID NO: 20:
384      (i) SEQUENCE CHARACTERISTICS:
385          (A) LENGTH: 22 base pairs
386          (B) TYPE: nucleic acid
387          (C) STRANDEDNESS: single
388          (D) TOPOLOGY: linear
390      (ii) MOLECULE TYPE: DNA (genomic)
395      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
397 TCCATTCTT GCTCTCTCT GT                                 22
399 (2) INFORMATION FOR SEQ ID NO: 21:
401      (i) SEQUENCE CHARACTERISTICS:
402          (A) LENGTH: 24 base pairs
403          (B) TYPE: nucleic acid
404          (C) STRANDEDNESS: single
405          (D) TOPOLOGY: linear
407      (ii) MOLECULE TYPE: DNA (genomic)
412      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
414 TAAAGCCAGG AATGGATGGC CCAA                             24
416 (2) INFORMATION FOR SEQ ID NO: 22:
418      (i) SEQUENCE CHARACTERISTICS:
419          (A) LENGTH: 24 base pairs
420          (B) TYPE: nucleic acid
421          (C) STRANDEDNESS: single

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/670,105

DATE: 03/01/2002

TIME: 10:37:12

Input Set : N:\Crf3\RULE60\09670105.txt

Output Set: N:\CRF3\02282002\I670105.raw

L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:12 M:259 W: Allowed number of lines exceeded, (ii) TITLE OF INVENTION: